

What is claimed is:

1. A ribbed V-belt comprising:

an elastomeric base body having a first side defining a plurality of ribs and a second side facing away from said first side;

5 an elastomeric cover layer;

a tension support layer interposed between said cover layer and said second side;

said ribs having an outer coating thereon containing polymer and fibers and being tightly joined to said base body;

10 said outer coating being an elastomeric layer having a layer thickness of 0.15 to 0.25 mm; and,

said elastomeric layer being based on an interlaced rubber and containing at least fibers in combination with fluoropolymer powder and/or powder of a non-ferrous metal.

2. The ribbed V-belt of claim 1, wherein said layer thickness of said coating is 0.18 to 0.22 mm.

3. The ribbed V-belt of claim 1, wherein said fiber component in said outer layer is 20 to 100 parts by weight per 100 parts by weight of rubber.

4. The ribbed V-belt of claim 1, wherein said fibers are polyimide fibers.

5. The ribbed V-belt of claim 1, wherein the component of said fluoropolymer powder in said outer coating is 10 to 100 parts by weight per 100 parts by weight of rubber.

6. The ribbed V-belt of claim 1, wherein the component of said fluoropolymer powder in said outer coating is more than 50 parts by weight per 100 parts by weight of rubber.

7. The ribbed V-belt of claim 1, wherein the particles of said fluoropolymer powder have a mean grain diameter of 2 to 20  $\mu\text{m}$ , a BET surface of 5 to 25  $\text{m}^2/\text{g}$  and a bulk weight of 100 to 400 g/L.

8. The ribbed V-belt of claim 1, wherein the component of said powder of a non-ferrous metal in said outer coating is 50 to 100 parts by weight per 100 parts by weight of rubber.

9. The ribbed V-belt of claim 1, wherein the particles of said powder of non-ferrous metal are ball-shaped, platelet-shaped or star-shaped and have a mean particle diameter of 10 to 80  $\mu\text{m}$ .

10. The ribbed V-belt of claim 1, wherein said powder of a non-ferrous metal is a copper powder.

11. The ribbed V-belt of claim 1, wherein said outer coating is based on the same rubber type or rubber types as said elastomeric base body.

12. The ribbed V-belt of claim 1, wherein said outer coating differs with respect to color from said base body.

13. A method of making a ribbed V-belt having an elastomeric base body having a first side defining a plurality of ribs and a second side facing away from said first side; an elastomeric

cover layer; a tension reinforcement layer interposed between  
5 said cover layer and said second side; and, said ribs having an  
outer coating thereon containing polymer and fibers and being  
tightly joined to said base body; the method comprising the  
steps of:

preparing a vulcanizable rubber mixture for said outer  
10 coating of said ribs which contains: rubber, vulcanization  
chemicals, fibers and at least a powder selected from  
fluoropolymer powder and a powder of a non-ferrous metal;

calendering said rubber mixture for said outer coating to  
form a web having a layer thickness of 0.15 to 0.25 mm;

15 applying said web to said first side of a rubber mixture  
plate for said base body or to a belt blank which already has  
at least the rubber mixture plate for said cover layer, said  
tension support layer and the rubber mixture plate for said  
base body;

20 vulcanizing said belt blank; and,  
cutting the belt blank to form ribbed V-belts.

14. The method of claim 13, wherein said vulcanizable rubber  
mixture for said outer coating of said ribs includes a  
processing assist agent for increasing the coarse strength.

15. The method of claim 13, wherein said web for said outer  
coating is fixed onto said rubber mixture plate or said belt  
blank utilizing a press contact operation.

16. The method of claim 13, wherein at least a portion of said  
fibers lying on the surface in said outer coating are raised by  
a brushing operation after the vulcanization.